

SPECIFICATION SHEET

VERSION	3	VERSION DATE	19/09/22	PRINT DATE	07/01/26
PRODUCT	AMBRETTOLIDE				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	OXACYCLOHEPTADEC-10-EN-2-ONE				
SYNOMYS	(10E)-OXACYCLOHEPTADEC-10-EN-2-ONE, HEXADEC-9-EN-1,16-LACTONE,TRANS-DELTA(9)-ISO				
FORMULA	$C_{16} H_{28} O_2$				
MOLECULAR WEIGHT	252,39				
CAS	28645-51-4				
CAS 2	63286-42-0				
EINECS	249-120-7				
FEMA	4145				
CoE	180B				
FDA	172.515				
TARIFF NUMBER	2932209090				

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ASPECT AT 20°C	SLIGHT VISCOS CLEAR LIQUID		
COLOUR	COLORLESS TO PALE YELLOW		
ODOUR	FLORAL, MUSKY, SWEET, PLEASANT		
TASTE	MUSK SEED OIL, RIPE, BLACKBERRY		
DENSITY AT 20°C (g / ml)	0,945-0,955		
DENSITY 25/25	-		
REFRACTIVE INDEX nD20	1,4760-1,4820		
REFRACTIVE INDEX nD25	-		
OPTICAL ROTATION (°)	/		
BOILING POINT (°C)	-		
FLASH POINT (°C)	97		
ASSAY (% GC)	> 98 (SUM OF ISOMERS); MAJOR PEAK TRANS>97%		
ACID VALUE (mg KOH/g)	-		
SOLUBILITY	NEARLY INSOLUBLE IN WATER		
VAPOUR PRESSURE	NOT DETERMINED		
OTHER SOLUBILITIES	1:1 v/v ETHANOL 96°		
OTHER TECHNICAL DATA	HEXADEC-9-EN-1,16-LACTONE > 97% (trans, (10E)-OXACYCLOHEPTADEC-10-EN-2-ONE, TRANS-DELTA(9)-ISOAMBRETTOLIDE).		

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS. THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

PRODASYNTH SAS

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